CUT 14 £1. 835' ? FIGURE 5: SAMPLE LOCATIONS AND ANALYSES, SHAKAN MOLYBDENITE DEPOSIT KOSCIUSKO ISLAND, SOUTHEASTERN ALASKA CUT 13 El. 825' SCALE IN FEET CUT 12 El. 810' NOTE SURFACE SAMPLE LOCATIONS ARE ONLY APPROXIMATE. SAMPLES OF GROUP C ARE FACE SAMPLES OF UNKNOWN LENGTH: ALL OTHER SAMPLES ARE MOIL SAMPLES TAKEN VERTICALLY. CUT II EI. 785' UNITED STATES DEPARTMENT OF THE INTERIOR CUT 6-GEOLOGICAL SURVEY NUMBER GEOLOGICAL SURVEY No sample WAR MINERALS INVESTIGATIONS OPEN CUT CUT 10 PRELIMINARY MAP Et. 775' OPEN CUT, LARGELY CAVED CUT 9 EI. 770 OPEN CUT, OBLITERATED BUT LOCATED APPROXIMATELY CUT 8 FROM MAP OF ALASKA JUNEAU GOLD MINING COMPANY El. 760' APPROXIMATE TRACE OF VEIN FOOTWALL ON SURFACE PERCENT OF MOLYBDENITE LENGTH OF SAMPLE IN FEET CUT 7 E1: 750 520 feet, 0.99 percent ${\sf MoS_2}$ (weighted average). SAMPLE LOCATIONS AND ANALYSES FROM MAPS AND REPORTS OF Average sample length = 4.0 feet. ALASKA JUNEAU GOLD MINING COMPANY, 1917-1921. SURVEYED BY G.D. ROBINSON, R. A. HARRIS AND A. J. BOLLEN, 1943. CUT 6 CUT 3 40 feet, 0.58 percent El. 710 BLOCK A CUT 1 E1. 700' 1-3.5'-.70 Average sample length = 4.5 feet. EI. 690 155 feet, 1.17 percent MoS₂ (weighted average). Average sample length = 4.9 feet. GROUP B GROUP C 3 to 5 samples for <u>each</u> 10 feet of adit were analysed. Average MoS2 content for T-upper part of adit wall each 10 feet shown. 140 feet, 2.83 percent MoS B-lower part of adit wall 140 feet, 1.85 percent MoS_2 (weighted average) Average sample length (TandB combined) = 8.2 feet.